

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26818	((light adj emitting) led) near2 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:27
L2	93516	light near2 guid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:27
L3	374986	optic\$2 near2 fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:28
L4	444178	2 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:28
L5	2612	compound adj lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:28
L6	23	1 and 4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:37
L7	3213	1 and 4 and (lens (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:35
L8	151	1 and 4 and ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:33

## EAST Search History

L9	22	(1 with 4) and ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:11
L10	62	1 and housing and 4 and ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:38
L11	1106	7 and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 07:49
L12	305	7 and housing and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:10
L13	15673	laser near2 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:10
L14	29	(13 with 4) same ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:12
L15	29	14 and 13 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:15
L16	29	15 and ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:16

## EAST Search History

L17	19	("4553238"   "4656635"   "4710940"   "4713822"   "4739507" "4780877"   "4785459"   "4791631"   "4794615"   "4813762" "4956843"   "4974230"   "4995050"   "5014279"   "5031182" "5048030"   "5081637"   "5124999"   "5212707").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:19
L18	31	("5369661").URPN.	USPAT	OR	ON	2006/05/05 08:21
L19	4	("4796968"   "5369661"   "6757106"   "6842469").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:22
L20	0	("6995912").URPN.	USPAT	OR	ON	2006/05/05 08:23
L21	0	("6995912").URPN.	USPAT	OR	ON	2006/05/05 08:23
L22	483	(13 with 4) same ( lens (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:29
L23	454	22 not 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:29
L24	189	pliim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:29
L25	371	23 not 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:33
L26	2	"4,803,691".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 08:33
L27	9	("4803691").URPN.	USPAT	OR	ON	2006/05/05 08:33
L28	4	("5268978"   "5373576"   "5521999"   "5592333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:44
L29	49	("5268978").URPN.	USPAT	OR	ON	2006/05/05 08:44

## EAST Search History

L30	1	("6519387").URPN.	USPAT	OR	ON	2006/05/05 08:48
L31	5	("5109460"   "5168288"   "5221997"   "5357617"   "5385092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:51
L32	11	("4279468"   "4564866"   "4598975"   "4897671"   "4911526"   "4921316"   "4923275"   "4991930"   "5009475"   "5015066"   "5024505").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:53
L33	11	("4279468"   "4564866"   "4598975"   "4897671"   "4911526"   "4921316"   "4923275"   "4991930"   "5009475"   "5015066"   "5024505").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:54
L34	30	("5109460").URPN.	USPAT	OR	ON	2006/05/05 08:54
L35	35	("3506779"   "3574657"   "3628953"   "3773404"   "4054094"   "4492970"   "4548893"   "4563056"   "4693958"   "4731317"   "4867545"   "4880299"   "4959664"   "4975717"   "5109460"   "5168288"   "5180652"   "5188032"   "5212048"   "5270368"   "5310869"   "5339737"   "5353705"   "5357617"   "5378580"   "5379698"   "5385092"   "5414561"   "5469787"   "5605097"   "5745153"   "5781224"   "5808657").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:55
L36	0	("6989854").URPN.	USPAT	OR	ON	2006/05/05 08:57
L37	8	("3864018"   "4046454"   "4364064"   "5006201"   "5109460"   "5539444"   "5742720"   "5996376").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:58
L38	3	("4268871"   "4743091"   "4884857").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 08:59
L39	4	("5539444").URPN.	USPAT	OR	ON	2006/05/05 08:59
L40	3	("5664251").URPN.	USPAT	OR	ON	2006/05/05 09:00
L41	1	("6115056").URPN.	USPAT	OR	ON	2006/05/05 09:02
L42	27	(lens near4 aspheric\$2) and (17 18 19 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:18

## EAST Search History

L43	1	(lens near2 compound) and (17 18 19 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:24
L44	180	(lens near4 aspheric\$2) same (lens near2 compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:18
L45	0	(lens near4 aspheric\$2) same (lens near2 compound) same 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:18
L46	51	((lens near4 aspheric\$2) same (lens near2 compound)) and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:42
L47	31	44 and recording	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:22
L48	63	44 and imaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:22
L49	46	(lens near2 compound) near2 (aspherical non\$spherical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:27
L50	2248	347/238,241-244,256-258.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:30

## EAST Search History

L51	4349	385/116-117,119-120,137.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:30
L52	6579	50 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:30
L53	12	52 and 4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:31
L54	189	52 and ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:47
L55	1	52 and ( (lens near4 aspheric\$2)) and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:33
L56	14	("6208829" "5260587" "2090669" "5212500" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:06
L57	2	"6647182".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:10
L58	2	"5221997".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:11

## EAST Search History

L59	1	"6115056".pn. and array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:11
L60	1424	sag same (lens (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:35
L61	229	sag same ( (lens near4 aspheric\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:36
L62	4	sag same ( (lens near4 aspheric\$2)) same micron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:37
L63	99	sag same ( (lens )) same micron	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:42
L64	1	1 same uniformizer same 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:42
L65	0	(lens near4 aspheric\$2) same 1 same uniformizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:43
L66	0	(lens near4 aspheric\$2) same 13 same uniformizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:43

## EAST Search History

L67	2	(lens near4 aspheric\$2) and (13 1) and uniformizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 10:44
L68	8	("4786918"   "5155623"   "5517359"   "5519432"   "5521748"   "5745153"   "5900981"   "5923475").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/05 10:44